

Raw Sequence Listing Error Summary

ERROR DETECTED SUGGESTED CORRECTION

SERIAL NUMBER:

09/602,812

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics The number/text at the end of each line "wrapped" down to the next line.
This may occur if your file was retrieved in a word processor after creating it.
Please adjust your right margin to .3, as this will prevent "wrapping".
- 2 Wrapped Aminos The amino acid number/text at the end of each line "wrapped" down to the next line.
This may occur if your file was retrieved in a word processor after creating it.
Please adjust your right margin to .3, as this will prevent "wrapping".
- 3 Incorrect Line Length The rules require that a line not exceed 72 characters in length. This includes spaces.
- 4 Misaligned Amino Acid The numbering under each 5th amino acid is misaligned. This may be caused by the use of tabs
Numbering between the numbering. It is recommended to delete any tabs and use spacing between the numbers.
- 5 Non-ASCII This file was not saved in ASCII (DOS) text, as required by the Sequence Rules.
Please ensure your subsequent submission is saved in ASCII text so that it can be processed.
- 6 Variable Length Sequence(s) contain n's or Xaa's which represented more than one residue.
As per the rules, each n or Xaa can only represent a single residue.
Please present the maximum number of each residue having variable length and
indicate in the (ix) feature section that some may be missing.
- 7 PatentIn ver. 2.0 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid
sequence(s) . Normally, PatentIn would automatically generate this section from the
previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section
to the subsequent amino acid sequence.
- 8 Skipped Sequences Sequence(s) missing. If intentional, please use the following format for each skipped sequence:
(OLD RULES) (2) INFORMATION FOR SEQ ID NO:X:
(i) SEQUENCE CHARACTERISTICS:(Do not insert any headings under "SEQUENCE CHARACTERISTICS")
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X:
This sequence is intentionally skipped

Please also adjust the "(iii) NUMBER OF SEQUENCES:" response to include the skipped sequence(s).
- 9 Skipped Sequences Sequence(s) missing. If intentional, please use the following format for each skipped sequence.
(NEW RULES) <210> sequence id number
<400> sequence id number
000
- 10 Use of n's or Xaa's Use of n's and/or Xaa's have been detected in the Sequence Listing.
(NEW RULES) Use of <220> to <223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 11 Use of <213>Organism Sequence(s) are missing this mandatory field or its response.
(NEW RULES)
- 12 J Use of <220>Feature Sequence(s) 3,5-6 are missing the <220>Feature and associated headings.
(NEW RULES) Use of <220> to <223> is MANDATORY if <213>ORGANISM is "Artificial" or "Unknown"
Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 6/01/98, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of new Rules)
- 13 PatentIn ver. 2.0 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted
file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing).
Instead, please use "File Manager" or any other means to copy file to floppy disk.

RAW SEQUENCE LISTING DATE: 07/07/2000
 PATENT APPLICATION: US/09/602,812 TIME: 17:25:19

Input Set : A:\P1467R2.txt
 Output Set: N:\CRF3\07072000\I602812.raw

71 80 85 90
 73 Thr Ala Val Tyr Tyr Cys Ala Arg Asn Leu Gly Pro Ser Phe Tyr
 74 95 100 105
 76 Phe Asp Tyr Trp Gly Gln Gly Thr Thr Leu Thr Val Ser Ser
 77 110 115
 79 <210> SEQ ID NO: 3
 80 <211> LENGTH: 107
 81 <212> TYPE: PRT
 82 <213> ORGANISM: artificial
 84 <400> SEQUENCE: 3
 85 Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val
 86 1 5 10 15
 88 Gly Asp Arg Val Thr Ile Thr Cys Lys Ala Ser Gln Asp Val Ser
 89 20 25 30
 91 Ile Gly Val Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys
 92 35 40 45
 94 Leu Leu Ile Tyr Ser Ala Ser Tyr Arg Tyr Thr Gly Val Pro Ser
 95 50 55 60
 97 Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile
 98 65 70 75
 100 Ser Ser Leu Gln Pro Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln
 101 80 85 90
 103 Tyr Tyr Ile Tyr Pro Tyr Thr Phe Gly Gln Gly Thr Lys Val Glu
 104 95 100 105
 106 Ile Lys
 109 <210> SEQ ID NO: 4
 110 <211> LENGTH: 119
 111 <212> TYPE: PRT
 112 <213> ORGANISM: artificial
 114 <220> FEATURE:
 115 <221> NAME/KEY: artificial
 116 <222> LOCATION: 1-119
 117 <223> OTHER INFORMATION: Fab 574 VH
 119 <400> SEQUENCE: 4
 120 Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly
 121 1 5 10 15
 123 Gly Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Thr
 124 20 25 30
 126 Asp Tyr Thr Met Asp Trp Val Arg Gln Ala Pro Gly Lys Gly Leu
 127 35 40 45
 129 Glu Trp Val Ala Asp Val Asn Pro Asn Ser Gly Gly Ser Ile Tyr
 130 50 55 60
 132 Asn Gln Arg Phe Lys Gly Arg Phe Thr Leu Ser Val Asp Arg Ser
 133 65 70 75
 135 Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
 136 80 85 90
 138 Thr Ala Val Tyr Tyr Cys Ala Arg Asn Leu Gly Pro Ser Phe Tyr
 139 95 100 105
 141 Phe Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser

see box 12 on Ena Summary Sheet

OK

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Input Set : A:\P1467R2.txt
 Output Set: N:\CRF3\07072000\I602812.raw

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142                110                115
144 <210> SEQ ID NO: 5
145 <211> LENGTH: 107
146 <212> TYPE: PRT
147 <213> ORGANISM: artificial
149 <400> SEQUENCE: 5
150 Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val
151 1 5 10 15
153 Gly Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Ser Ile Ser
154 20 25 30
156 Asn Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys
157 35 40 45
159 Leu Leu Ile Tyr Ala Ala Ser Ser Leu Glu Ser Gly Val Pro Ser
160 50 55 60
162 Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile
163 65 70 75
165 Ser Ser Leu Gln Pro Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln
166 80 85 90
168 Tyr Asn Ser Leu Pro Trp Thr Phe Gly Gln Gly Thr Lys Val Glu
169 95 100 105
171 Ile Lys
174 <210> SEQ ID NO: 6
175 <211> LENGTH: 119
176 <212> TYPE: PRT
177 <213> ORGANISM: artificial
179 <400> SEQUENCE: 6
180 Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly
181 1 5 10 15
183 Gly Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser
184 20 25 30
186 Ser Tyr Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu
187 35 40 45
189 Glu Trp Val Ala Val Ile Ser Gly Asp Gly Gly Ser Thr Tyr Tyr
190 50 55 60
192 Ala Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser
193 65 70 75
195 Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
196 80 85 90
198 Thr Ala Val Tyr Tyr Cys Ala Arg Gly Arg Val Gly Tyr Ser Leu
199 95 100 105
201 Tyr Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
202 110 115
204 <210> SEQ ID NO: 7
205 <211> LENGTH: 10
206 <212> TYPE: PRT
207 <213> ORGANISM: Mus musculus
209 <220> FEATURE:
210 <221> NAME/KEY: unsure
211 <222> LOCATION: 10

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RAW SEQUENCE LISTING DATE: 07/07/2000
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Input Set : A:\P1467R2.txt
 Output Set: N:\CRF3\07072000\I602812.raw

212 <223> OTHER INFORMATION: unknown amino acid
 214 <400> SEQUENCE: 7
 OK 215 Gly Phe Thr Phe Thr Asp Tyr Thr Met Xaa
 216 1 5 10
 218 <210> SEQ ID NO: 8
 219 <211> LENGTH: 17
 220 <212> TYPE: PRT
 221 <213> ORGANISM: Mus musculus
 223 <400> SEQUENCE: 8
 224 Asp Val Asn Pro Asn Ser Gly Gly Ser Ile Tyr Asn Gln Arg Phe
 225 1 5 10 15
 227 Lys Gly
 230 <210> SEQ ID NO: 9
 231 <211> LENGTH: 10
 232 <212> TYPE: PRT
 233 <213> ORGANISM: Mus musculus
 235 <400> SEQUENCE: 9
 236 Asn Leu Gly Pro Ser Phe Tyr Phe Asp Tyr
 237 1 5 10
 239 <210> SEQ ID NO: 10
 240 <211> LENGTH: 11
 241 <212> TYPE: PRT
 242 <213> ORGANISM: Mus musculus
 244 <400> SEQUENCE: 10
 245 Lys Ala Ser Gln Asp Val Ser Ile Gly Val Ala
 246 1 5 10
 248 <210> SEQ ID NO: 11
 249 <211> LENGTH: 7
 250 <212> TYPE: PRT
 251 <213> ORGANISM: Mus musculus
 253 <220> FEATURE:
 254 <221> NAME/KEY: unsure
 255 <222> LOCATION: 5-7
 256 <223> OTHER INFORMATION: unknown amino acid
 258 <400> SEQUENCE: 11
 OK 259 Ser Ala Ser Tyr Xaa Xaa Xaa
 260 1 5
 262 <210> SEQ ID NO: 12
 263 <211> LENGTH: 9
 264 <212> TYPE: PRT
 265 <213> ORGANISM: Mus musculus
 267 <400> SEQUENCE: 12
 268 Gln Gln Tyr Tyr Ile Tyr Pro Tyr Thr
 269 1 5
 271 <210> SEQ ID NO: 13
 272 <211> LENGTH: 645
 273 <212> TYPE: PRT
 274 <213> ORGANISM: human
 276 <400> SEQUENCE: 13

RAW SEQUENCE LISTING

DATE: 07/07/2000

PATENT APPLICATION: US/09/602,812

TIME: 17:25:20

Input Set : A:\P1467R2.txt

Output Set: N:\CRF3\07072000\I602812.raw

277	Met	Glu	Leu	Ala	Ala	Leu	Cys	Arg	Trp	Gly	Leu	Leu	Leu	Ala	Leu
278	1				5					10					15
280	Leu	Pro	Pro	Gly	Ala	Ala	Ser	Thr	Gln	Val	Cys	Thr	Gly	Thr	Asp
281					20					25					30
283	Met	Lys	Leu	Arg	Leu	Pro	Ala	Ser	Pro	Glu	Thr	His	Leu	Asp	Met
284					35					40					45
286	Leu	Arg	His	Leu	Tyr	Gln	Gly	Cys	Gln	Val	Val	Gln	Gly	Asn	Leu
287					50					55					60
289	Glu	Leu	Thr	Tyr	Leu	Pro	Thr	Asn	Ala	Ser	Leu	Ser	Phe	Leu	Gln
290					65					70					75
292	Asp	Ile	Gln	Glu	Val	Gln	Gly	Tyr	Val	Leu	Ile	Ala	His	Asn	Gln
293					80					85					90
295	Val	Arg	Gln	Val	Pro	Leu	Gln	Arg	Leu	Arg	Ile	Val	Arg	Gly	Thr
296					95					100					105
298	Gln	Leu	Phe	Glu	Asp	Asn	Tyr	Ala	Leu	Ala	Val	Leu	Asp	Asn	Gly
299					110					115					120
301	Asp	Pro	Leu	Asn	Asn	Thr	Thr	Pro	Val	Thr	Gly	Ala	Ser	Pro	Gly
302					125					130					135
304	Gly	Leu	Arg	Glu	Leu	Gln	Leu	Arg	Ser	Leu	Thr	Glu	Ile	Leu	Lys
305					140					145					150
307	Gly	Gly	Val	Leu	Ile	Gln	Arg	Asn	Pro	Gln	Leu	Cys	Tyr	Gln	Asp
308					155					160					165
310	Thr	Ile	Leu	Trp	Lys	Asp	Ile	Phe	His	Lys	Asn	Asn	Gln	Leu	Ala
311					170					175					180
313	Leu	Thr	Leu	Ile	Asp	Thr	Asn	Arg	Ser	Arg	Ala	Cys	His	Pro	Cys
314					185					190					195
316	Ser	Pro	Met	Cys	Lys	Gly	Ser	Arg	Cys	Trp	Gly	Glu	Ser	Ser	Glu
317					200					205					210
319	Asp	Cys	Gln	Ser	Leu	Thr	Arg	Thr	Val	Cys	Ala	Gly	Gly	Cys	Ala
320					215					220					225
322	Arg	Cys	Lys	Gly	Pro	Leu	Pro	Thr	Asp	Cys	Cys	His	Glu	Gln	Cys
323					230					235					240
325	Ala	Ala	Gly	Cys	Thr	Gly	Pro	Lys	His	Ser	Asp	Cys	Leu	Ala	Cys
326					245					250					255
328	Leu	His	Phe	Asn	His	Ser	Gly	Ile	Cys	Glu	Leu	His	Cys	Pro	Ala
329					260					265					270
331	Leu	Val	Thr	Tyr	Asn	Thr	Asp	Thr	Phe	Glu	Ser	Met	Pro	Asn	Pro
332					275					280					285
334	Glu	Gly	Arg	Tyr	Thr	Phe	Gly	Ala	Ser	Cys	Val	Thr	Ala	Cys	Pro
335					290					295					300
337	Tyr	Asn	Tyr	Leu	Ser	Thr	Asp	Val	Gly	Ser	Cys	Thr	Leu	Val	Cys
338					305					310					315
340	Pro	Leu	His	Asn	Gln	Glu	Val	Thr	Ala	Glu	Asp	Gly	Thr	Gln	Arg
341					320					325					330
343	Cys	Glu	Lys	Cys	Ser	Lys	Pro	Cys	Ala	Arg	Val	Cys	Tyr	Gly	Leu
344					335					340					345
346	Gly	Met	Glu	His	Leu	Arg	Glu	Val	Arg	Ala	Val	Thr	Ser	Ala	Asn
347					350					355					360
349	Ile	Gln	Glu	Phe	Ala	Gly	Cys	Lys	Lys	Ile	Phe	Gly	Ser	Leu	Ala

VERIFICATION SUMMARY

DATE: 07/07/2000

PATENT APPLICATION: US/09/602,812

TIME: 17:25:21

Input Set : A:\P1467R2.txt

Output Set: N:\CRF3\07072000\I602812.raw

L:12 M:282 W: Numeric Field Identifier Missing, <140> CURRENT APPLICATION NUMBER: is Added.

L:115 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:4

L:215 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7

L:259 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11